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OIPE MAY 19 2003 (use as many sheets as necessary)		Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known	
Application Number		10/029,401		RECEIVED	
Filing Date		12/21/2001			
First Named Inventor		ROGER A. SABBADINI			
Group Art Unit		1654		MAY 22 2003	
Examiner Name		LEARY			
Attorney Docket Number		078853-0306			

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CC	A1	5,989,803		Tabas et al.	November 23, 1999	CLASS 435/4 SUBCLASS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
CC	A2	WO	01 37836 A	Emory University	May 31, 2001		
CC	A3	WO	01 71045	Millennium Pharmaceuticals, Inc.	Sept. 27, 2001		
CC	A4	WO	00 56135	Regents of the University of California	Sept. 28, 2000		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
CC	A5	Sabbadini et al., "The MIRF trial: Predicting the incidence and severity of CAD using serum sphingolipids." Circulation, 102: 11699, 2000 (Abstract).	
CC	A6	Nakajima et al., "Expression and characterization of Edg-1 receptors in rat cardiomyocytes: Calcium deregulation in response to sphingosine 1-phosphate." European Journal of Biochemistry, 267: 5679-5686, 2000.	
CC	A7	Huwyler et al., "Physiology and pathophysiology of sphingolipid metabolism and signaling." Biochimica Et Biophysica Acta, 1485: 63-99, 2000.	
CC	A8	International Search Report issued in PCT Application No. PCT/US01/50785	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Roger A. Sabbadini			
				FILING DATE 12/21/2001		GROUP ART UNIT 1654	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
CC	A1	6,210,976	04/03/2001	Sabbadini	436	518	
CC	A2	5,929,039	07/27/1999	Woodcock, et al.	514	37	
CC	A3	5,677,288	10/14/1997	Marangos	514	39	
CC	A4	20010041688	11/15/2001	Waeber, et al.	435	69.1	SEP 03 2002
CC	A5	4,150,949	04/24/1979	Smith	23	230.8	TECH CENTER 1600 2900
CC	A6	5,369,030	11/29/1994	Hannun, et al.	435	240.2	
CC	A7	5,631,394	05/20/1997	Wei, et al.	556	404	
FOREIGN PATENT DOCUMENTS							
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CC	A33	WO 98/57179	10/12/2000	PCT			X
CC	A34	WO 01/80903	11/01/2001	PCT			X
CC	A35	WO 99/12890	03/18/1999	PCT			X
CC	A36	WO 99/41266	08/19/1999	PCT			X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
CC	A69	Abe, et al., "Glycosphingolipid depletion in Fabry disease lymphoblasts with potent inhibitors of glucosylceramide synthase," <i>Kidney International</i> , 57:446-454 (2000)					
CC	A70	Abe, et al., "Structural and stereochemical studies of potent inhibitors and glucosylceramide synthase and tumor cell growth," <i>Journal of Lipid Research</i> , 36:611-621 (1995)					
CC	A71	Abe, et al., "Use of Sulfobutyl Ether β -Cyclodextrin as a Vehicle for D-threo-1-Phenyl-2-decanoylamino-3-morpholinopropanol-Related Glucosylceramide Synthase Inhibitors," <i>Analytical Biochemistry</i> , 287:344-347 (2000)					
CC	A72	An, et al., "Characterization of a Novel Subtype of Human G Protein-coupled Receptor for Lysophosphatidic Acid," <i>J. Biol. Chem.</i> , 273:7906-7910 (1998)					
CC	A73	An, et al., "Identification of cDNAs encoding two G protein-coupled receptors for lysosphingolipids," <i>FEBS Letts.</i> , 417:279-282 (1997)					
EXAMINER 				DATE CONSIDERED 4/2004			
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.							

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APPL_NO02

INFORMATION DISCLOSURE CITATION

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APPLICANT

Roger A. Sabbadini

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
CC	A8	5,677,337	10/14/1997	Wei, et al.	514	56	
	A9	6,323,201	11/27/2001	Carson, et al.	514	234.2	
	A10	4,937,232	06/26/1990	Bell, et al.	514	26	
	A11	4,816,450	03/28/1989	Bell, et al.	514	25	
	A12	5,331,014	07/19/1994	Kimura, et al.	514	642	
	A13	5,137,919	08/11/1992	Igarashi, et al.	514	642	
	A14	5,151,360	09/29/1992	Handa, et al.	435	240.2	
	A15	6,187,562	02/13/2001	Duckworth, et al.	435	69.1	
	A16	5,851,782	12/22/1998	Hannun, et al.	514	360	
	A17	5,079,263	01/07/1992	Zeeck, et al.	514	616	
	A18	5,444,087	08/22/1995	Patel, et al.	514	475	
	A19	6,284,798	09/04/2001	Amtmann, et al.	514	632	
	A20	6,306,911	10/23/2001	Wachter, et al.	546	193	
	A21	6,051,598	04/18/2000	Shayman, et al.	514	428	
	A22	5,919,687	07/06/1999	Chatterjee	435	199	
	A23	5,663,404	09/02/1997	Igarashi, et al.	558	169	
	A24	5,260,288	11/09/1993	Igarashi, et al.	514	114	
	A25	5,391,800	02/21/1995	Igarashi, et al.	558	145	
	A26	5,430,160	04/04/1995	Boumendjel, et al.	549	510	
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	A28	5,912,144	06/15/1999	Au-Young, et al.	435	69.1	
	A29	6,130,067	10/10/2000	Tsui	435	69.1	
	A30	6,057,126	05/02/2000	Munroe, et al.	435	69.1	
CC	A31	5,585,476	12/17/1996	MacLennan, et al.	536	23.5	
CC	A32	6,140,060	10/31/2000	Chun, et al.	435	7.1	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Roger A. Sabbadini				
				FILING DATE 12/21/2001		GROUP ART UNIT 1654 USPTO_ART_UNIT03		
FOREIGN PATENT DOCUMENTS								
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CC	A37	WO 00/00593	01/06/2000	PCT			X	
CC	A38	WO 00/21919	04/20/2000	PCT			X	
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CC	A40	WO 00/52173	09/08/2000	PCT			X	
CC	A41	WO 00/58448	10/05/2000	PCT				X
CC	A42	WO 00/58491	10/05/2000	PCT				X
CC	A43	WO 00/59517	10/12/2000	PCT			X	
CC	A44	WO 00/70028	11/23/2000	PCT			X	
CC	A45	WO 00/72833 A2	12/07/2000	PCT				X
CC	A46	WO 01/04108	01/18/2001	PCT			X	
CC	A47	WO 01/04139	01/18/2001	PCT			X	
CC	A48	WO 01/07418	02/01/2001	PCT			X	
CC	A49	WO 01/31029	05/03/2001	PCT			X	
CC	A50	WO 01/38295	05/31/2001	PCT				X
CC	A51	WO 01/55410	08/02/2001	PCT			X	
CC	A52	WO 01/57057	08/09/2001	PCT			X	
CC	A53	WO 01/60990	08/23/2001	PCT			X	
CC	A54	WO 01/72701	10/04/2001	PCT			X	
CC	A55	WO 01/85953	11/15/2001	PCT			X	
CC	A56	WO 97/44019	11/27/1997	PCT			X	
CC	A57	WO 98/03529	01/29/1998	PCT				X
CC	A58	WO 98/28445	07/02/1998	PCT			X	
CC	A59	WO 98/40349	09/16/1998	PCT				X
CC	A60	WO 99/07855	08/11/1998	PCT				X
CC	A61	WO 99/12890	03/18/1999	PCT				X
CC	A62	WO 99/16888	04/08/1999	PCT			X	
CC	A63	WO 99/33972	07/08/1999	PCT			X	
CC	A64	WO 99/38983	08/05/1999	PCT			X	
CC	A65	WO 99/41265	08/19/1999	PCT				X

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GROUP ART UNIT 1654
USPTO ART UNIT03

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FOREIGN PATENT DOCUMENTS

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Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 078853-0302	SERIAL NO. <u>10/029401</u> APPL_NO04
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Roger A. Sabbadini	
		FILING DATE 12/21/2001	GROUP ART UNIT <u>1654</u> USPTO_ART_UNIT04
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CC	A74	An, et al., "Sphingosine 1-phosphate-induced cell proliferation, survival, and related signaling events mediated by G protein-coupled receptors Edg3 and Edg5," <i>J. Biol. Chem.</i> , <u>275</u> :288-296 (2000)	
CC	A75	Ancellin, et al., "Extracellular export of sphingosine kinase-1 enzyme: Sphingosine 1 phosphate generation and the induction of angiogenic vascular maturation," <i>JBC Papers in Press</i> , Published 12/10/01 (manuscript M102841200).	
CC	A76	Andrieu-Abadie, et al., "L-carnitine prevents doxorubicin-induced apoptosis of cardiac myocytes: role of inhibition of ceramide generation," <i>FASEB J.</i> , <u>13</u> :1501-1510 (1999)	
CC	A77	Arenz, et al., "Manumycin A and Its Analogues Are Irreversible Inhibitors of Neutral Sphingomyelinase," <i>ChemiBiochem.</i> , <u>2</u> :141-143 (2001)	
CC	A78	Arenz, et al., "Synthese des ersten selektiven irreveriblen Inhibitors der neutralen Sphingomyelinase," <i>Angew Chem.</i> , <u>112</u> :1498-1500 (2000) (GERMAN)	
CC	A79	Arenz, et al., "Synthesis and Biochemical Investigation of Scyphostatin Analogues as Inhibitors of Neutral Sphingomyelinase," <i>Bioorganic & Medicinal Chemistry</i> , <u>9</u> :2901-2904 (2001)	
CC	A80	Arenz, et al., "Synthesis of the First Selective Irreversible Inhibitor of Neutral Sphingomyelinase," <i>Eur. J. Org. Chem.</i> , 137-140 (2001)	
CC	A81	Ariga, et al., "Role of Sphingolipid-mediated cell death in neurodegenerative diseases," <i>Journal of Lipid Research</i> , <u>39</u> :1-16 (1998)	
CC	A82	Bajjalieh, et al., "Ceramide Kinase," <i>Methods in Enzymology</i> , <u>311</u> :207-215 (1999)	
	A83	Intentionally Left Blank	
	A84	Intentionally Left Blank	
CC	A85	Bawab, et al., "Molecular Cloning and Characterization of a Human Mitochondrial Ceramidase," <i>J. Biol. Chem.</i> , <u>275</u> :21508-21513 (2000)	
CC	A86	Bernardo, et al., "Purification and Characterization of a Magnesium-dependent Neutral Sphingomyelinase from Bovine Brain," <i>J. Biol. Chem.</i> , <u>275</u> :7641-7647 (2000)	
CC	A87	Betto, et al., "Sphingosylphosphocholine modulates the ryanodine receptor/calcium-release channel of cardiac sarcoplasmic reticulum membranes," <i>Biochem. J.</i> , <u>322</u> :327-333 (1997)	
CC	A88	Bielawska, et al., "(1S, 2R)-D-erhthro-2-(N-Myristoylamino)-1-phenyl-1-propanol as an Inhibitor of Ceramidase," <i>J. Biol. Chem.</i> , <u>271</u> :12646-12654 (1996)	

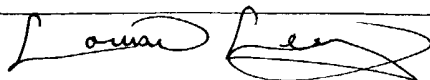
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CC	A89	Bielawska, et al., "Ceramide Is Involved in Triggering of Cardiomyocyte Apoptosis Induced by Ischemia and Reperfusion," <i>Am. J. Pathol.</i> , <u>151</u> (5):1257-1263 (1997)	
CC	A90	Boudker, et al., "Detection and Characterization of Ceramide-1-phosphate Phosphatase Activity in Rat Liver Plasma Membrane," <i>J. Biol. Chem.</i> , <u>268</u> :22150-22155 (1993)	
CC	A91	Brady, et al., "The metabolism of sphingomyelin. II. Evidence of an enzymatic deficiency in Niemann-Pick disease," <i>Proc. Natl. Acad. Sci. USA</i> , <u>55</u> (2):366-369 (1966)	
CC	A92	Brindley, et al., "Analysis of Ceramide 1-phosphate and Sphingosine-1-phosphate Phosphatase Activities," <i>Methods in Enzymology</i> , <u>311</u> :233-244 (1999)	
CC	A93	Brownlee, C., "Intracellular signalling: sphingosine-1-phosphate branches out," <i>Current Biology</i> , <u>11</u> :R535-R538 (2001)	
CC	A94	Burton, et al., "Human antibodies from combinatorial libraries," <i>Adv. Immunol.</i> , <u>57</u> :191-280 (1994)	
CC	A95	Cain, et al., "Therapeutic Strategies to Reduce TNF- α Mediated Cardiac Contractile Depression Following Ischemia and Reperfusion," <i>J. Mol. Cell. Cardiol.</i> , <u>31</u> :931-947 (1999)	
CC	A96	Caligan, et al., "A High-Performance Liquid Chromatographic Method to Measure Sphingosine 1-Phosphate and Related Compounds from Sphingosine Kinase Assays and Other Biological Samples," <i>Analytical Biochemistry</i> , <u>281</u> :36-44 (2000)	
CC	A97	Chan, et al., "Ceramide Path in Human Lung Cell Death," <i>Am. J. Respir. Cell Mol. Biol.</i> , <u>22</u> :460-468 (2000)	
CC	A98	Chan, et al., "Purification and Characterization of Neutral Sphingomyelinase from <i>Helicobacter pylori</i> ," <i>Biochemistry</i> , <u>39</u> :4838-4845 (2000)	
CC	A99	Chatterjee, "Neutral Sphingomyelinase," <i>Advances in Lipid Research</i> , <u>26</u> :25-49 (1993)	
CC	A100	Chatterjee, "Neutral Sphingomyelinase: past, present, and future," <i>Chemistry and Physics of Lipids</i> , <u>102</u> :79-96 (1999)	
CC	A101	Chatterjee, et al., "Molecular Cloning, Characterization, and Expression of a Novel Human Neutral Sphingomyelinase," <i>J. Biol. Chem.</i> , <u>274</u> :37407-37412 (1999)	
CC	A102	Chau, et al., "Synthesis of Simple Aryl Neutral Sphingomyelinase Inhibitors," <i>Abstr. Pap. - Am. Chem. Soc.</i> , (2001)	
CC	A103	Chun, "Lysophospholipid receptors: implications for neural signaling," <i>Crit. Rev. Neuro.</i> , <u>13</u> (2):151-168 (1999)	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Roger A. Sabbadini	
				FILING DATE 12/21/2001	GROUP ART UNIT <u>1654</u> USPTO_ART_UNIT04
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
LL		Chun, et al., "A Growing Family of Receptor Genes for Lysophosphatidic Acid (LPA) and other Lysophospholipids (LPs)," <i>Cell Biochem. & Biophys.</i> , <u>30</u> (2):213-242 (1999)			
LL	A105	Cordis, et al., "HPTLC analysis of sphingomyelin, ceramide and sphingosine in ischemic/reperfused heart," <i>J. Pharm. And Biomed. Analysis</i> , <u>16</u> :1189-1193 (1998)			
LL	A106	Cuvillier, et al., "Suppression of ceramide-mediated programmed cell death by sphingosine-1-phosphate," <i>Nature</i> , <u>381</u> :800-803 (1996)			
LL	A107	Dickson, et al., "Serine Palmitoyltransferase," <i>Methods in Enzymology</i> , <u>311</u> :1-9 (1999)			
LL	A108	Edsall, et al., <i>Biochem.</i> , "N,N-Dimethylsphingosine is a potent competitive inhibitor of sphingosine kinase but not of protein kinase C: modulation of cellular levels of sphingosine 1-phosphate and ceramide," <u>37</u> :12892-12898 (1998)			
LL	A109	Edson, et al., "The Aminoglycosides," <i>Mayo Clin. Proc.</i> , <u>74</u> :519-528 (1999)			
LL	A110	Eichler, et al., "Peptide, peptidomimetic, and organic synthetic combinatorial libraries," <i>Med. Res. Rev.</i> , <u>15</u> :481-496 (1995)			
LL	A111	Fensome, et al., "A Neutral Magnesium-dependent Sphingomyelinase Isoform Associated with Intracellular Membranes and Reversibly Inhibited by Reactive Oxygen Species," <i>J. Biol. Chem.</i> , <u>275</u> :1128-1136 (2000)			
LL	A112	Fujii, et al., "Mg ²⁺ binding and catalytic function of sphingomyelinase from <i>Bacillus cereus</i> ," <i>J. Biochem (Tokyo)</i> , <u>124</u> :1178-1187 (1998)			
LL	A113	Fukushima, et al, "A single receptor encoded by <i>vzg-1/lpa/edg-2</i> couples to G proteins and mediates multiple cellular responses to lysophosphatidic acid," <i>Proc. Natl. Acad. Sci.</i> , <u>95</u> :6151-6156 (1998)			
LL	A114	Furneisen, et al., "Enzymological properties of the LPP1-encoded lipid phosphatase from <i>Saccharomyces cerevisiae</i> " <i>Biochim. Biophys. Acta.</i> , <u>1484</u> :71-82 (2000)			
LL	A115	Garcia-Ruiz, "Human placenta sphingomyelinase, an exogenous acidic pH-optimum sphingomyelinase, induces oxidative stress, glutathione depletion, and apoptosis in rat hepatocytes," <i>Hepatology</i> , <u>32</u> :56-65 (2000)			
LL	A116	Gates, et al., "Serum amyloid p component: its role in platelet activation stimulated by sphingomyelinase purified from the venom of the brown recluse spider (<i>Loxosceles reclusa</i>)," <i>Toxicon</i> , <u>28</u> :1303-1315 (1990)			
LL	A117	Gatt, et al., "Niemann Pick disease: presence of the magnesium-dependent sphingomyelinase in brain of the infantile form of the disease," <i>J. Neurochem.</i> , <u>31</u> (2):547-550 (1978)			
LL	A118	Gavrilenko, et al., "Nucleotide sequence of phospholipase C and sphingomyelinase genes from <i>Bacillus cereus</i> BKM-B164," <i>Bioorg. Khim.</i> , <u>19</u> :133-138 (1993)			

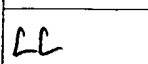
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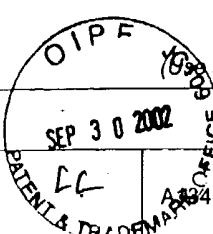

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		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
CC	A119	Geeraert, et al., "Conversion of dihydroceramide into ceramide: involvement of a desaturase," <i>Biochem. J.</i> , <u>327</u> :125-132 (1997)	
CC	A120	Ghosh, et al., "Effects of gentamicin on sphingomyelinase activity in cultured human renal proximal tubular cells," <i>J. Biol. Chem.</i> , <u>262</u> :12550-12556 (1987)	
CC	A121	Ghosh, et al., "Identification, partial purification, and localization of a neutral sphingomyelinase in rabbit skeletal muscle: Neutral sphingomyelinase in skeletal muscle," <i>Mol. Cellular Biochem.</i> , <u>189</u> :161-168 (1998)	
CC	A122	Gilmore, et al., "A <i>Bacillus cereus</i> cytolytic determinant, cereolysin AB, which comprises the phospholipase C and sphingomyelinase genes: a nucleotide sequence and genetic linkage," <i>J. Bacteriol.</i> , <u>171</u> (2):744-753 (1989)	
CC	A123	Glickman, et al., "Molecular Cloning, Tissue-Specific Expression, and Chromosomal Localization of a Novel Nerve Growth Factor-Related G-Protein-Coupled Receptor, nrg-1," <i>Mol. Cel. Neurosci.</i> , <u>14</u> :141-152 (1999)	
CC	A124	Goetzl, et al., "Eicosanoids and Other Bioactive Lipids in Cancer, Inflammation, and Radiation Injury, 4. 38: A Subfamily of G Protein-Coupled Cellular Receptors for Lysophospholipids and Lysosphingolipids, Introduction: The Biochemistry and Biology of Lipid Phosphoric Acids," <i>Adv. Exp. Med. Biol.</i> , <u>469</u> :259-264 (1999)	
CC	A125	Gonda, et al., "The novel sphingosine 1-phosphate receptor AGR16 is coupled via pertussis toxin-sensitive and -insensitive G-proteins to multiple signalling pathways," <i>Biochem. J.</i> , <u>337</u> :67-75 (1999)	
CC	A126	Gonzalez-Zorn, et al., "The smcL gene of <i>Listeria ivanovii</i> encodes a sphingomyelinase C that mediates bacterial escape from the phagocytic vacuole," <i>Mol. Microbiol.</i> , <u>33</u> (3):510-523 (1999)	
CC	A127	Graler, et al., "EDG6, a Novel G-Protein-Coupled Receptor Related to Receptors for Bioactive Lysophospholipids, Is Specifically Expressed in Lymphoid Tissue," <i>Genomics</i> , <u>53</u> :164-169 (1998)	
CC	A128	Gunther, "Myocardial contractility after infarction and carnitine palmitoyltransferase I inhibition in rats," <i>Eur. J. Pharma.</i> , <u>406</u> :123-126 (2000)	
CC	A129	Hakogi, et al., "Stereocontrolled synthesis of a sphingomyelin methylene analogue as a sphingomyelinase inhibitor," <i>Org. Lett.</i> , <u>2</u> :2627-2629 (2000)	
CC	A130	Hanada, et al., "Specificity of Inhibitors of Seine Palmitoyltransferase (SPT), a Key Enzyme in Sphingolipid Biosynthesis, in Intact Cells," <i>Biochemical Pharmacology</i> , <u>59</u> :1211-1216 (2000)	
CC	A131	Hannun, et al., "Ceramide in the eukaryotic stress response," <i>Cell Biology</i> , <u>10</u> :73-80 (2000)	
CC	A132	Hannun, et al., "The Sphingomyelin Cycle: A Prototypic Sphingolipid Signaling Pathway," <i>Adv. Lipid Res.</i> , <u>25</u> :27-41 (1993)	
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		Hannun, et al., "Functions of Sphingolipids and Sphingolipid Breakdown Products in Cellular Regulation," <i>Science</i> , <u>243</u> :500-507 (1989)					
LL		A135		He, et al., "A Fluorescence-Based High-Performance Liquid Chromatography Assay to Determine Acid Ceramidase Activity," <i>Analytical Biochemistry</i> , <u>274</u> :264-269 (1999)			
LL		A136		Heringdorf, et al., "Stimulation of intracellular sphingosine-1-phosphate production by G-protein-coupled sphingosine-1-phosphate receptors," <i>Eur. J. Pharmacol.</i> , <u>414</u> :145-154 (2001)			
LL		A137		Hernandez, et al., "Rapid Activation of Neutral Sphingomyelinase by Hypoxia-Reoxygenation of Cardiac Myocytes," <i>Circ. Res.</i> , <u>86</u> :198-204 (2000)			
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LL		A139		Hetland, et al., "Phospholipase C from <i>Bacillus cereus</i> has sphingomyelinase activity," <i>Scand J. Clin Lab Invest</i> , <u>42</u> (1):57-61 (1982)			
LL		A140		Higuchi, et al., "Acidic Sphingomyelinase-Generated Ceramide is Needed But Not Sufficient for TNF-Induced Apoptosis and Nuclear Factor- κ B Activation," <i>J. Immunol.</i> , <u>157</u> :297-304 (1996)			
LL		A141		Hinkovska-Glachewa, et al., "Activation of a Plasma Membrane-Associated Neutral Sphingomyelinase and Concomitant Ceramide Accumulation During IgC-Dependent Phagocytosis in Human Polymorphonuclear Leukocytes," <i>Blood</i> , <u>91</u> :4761-4769 (1998)			
LL		A142		Hise, et al., "Fatty Acyl Chain Composition in the Determination of Renal Membrane Order," <i>J. Clin. Invest.</i> , <u>77</u> (3):768-773 (1986)			
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LL		A144		Hofmann, et al., "Cloning and characterization of the mammalian brain-specific, Mg^{2+} -dependent neutral sphingomyelinase," <i>PNAS</i> , <u>97</u> :5895-5900 (2000)			
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LL	A149	Hudson, "Recombinant antibody fragments," <i>Curr. Op. Biotechnol.</i> , <u>9</u> (4):395-402 (1999)	
LL	A150	Humpf, et al., "Acylation of naturally occurring and synthetic 1-deoxysphinganine by ceramide synthase. Formation of N-palmitoyl-aminopentol produces a toxic metabolite of hydrolyzed fumonisin, AP1, and a new category of ceramide synthase inhibitor," <i>J. Biol. Chem.</i> , <u>273</u> :19060-19064 (1998)	
LL	A151	Hunnan, "Functions of Ceramide in Coordinating Cellular Responses to Stress," <i>Science</i> , <u>274</u> :1855-1859 (1996)	
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LL	A154	Ikezawa, et al., "Studies on Sphingomyelinase of <i>Bacillus Cereus</i> . I. Purification and Properties," <i>Biochim. Biophys Acta</i> , <u>528</u> (2):247-256 (1978)	
LL	A155	Im, et al., "Molecular Cloning and Characterization of a Lysophosphatidic Acid Receptor, Edg-7, Expressed in Prostate," <i>Molecular Pharmacology</i> , <u>57</u> :753-759 (2000)	
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LL	A158	Jimbo, et al., "Development of a New Inhibitor of Glucosylceramide Synthase," <i>J. Biochem.</i> , <u>127</u> :485-491 (2000)	
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LL	A160	Jonghe, et al., "Structure-Activity Relationship of Short-Chain Sphingoid Bases as Inhibitors of Sphingosine Kinase," <i>Bioorganic & Medicinal Chemistry Letters</i> , <u>9</u> :3175-3180 (1999)	
LL	A161	Kajstura, et al., "Apoptotic and Necrotic Myocyte Cell Deaths Are Independent Contributing Variables of Infarct Size in Rats," <i>Lab. Invest.</i> , <u>74</u> :86-107 (1996)	
LL	A162	Kanfer, et al., "The Metabolism of Sphingomyelin. I. Purification and properties of a sphingomyelin-cleaving enzyme from rat liver tissue," <i>J. Biol. Chem.</i> , <u>241</u> :1081 (1966)	
LL	A163	Katircioglu, et al., "Myocardial preservation in acute coronary artery occlusion with coronary sinus retroperfusion and carnitine," <i>J. Cardiovasc. Surg.</i> , <u>41</u> :45-50 (1999)	

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CC	A164	Kay, et al., "Identification of enzyme inhibitors from phage-displayed combinatorial peptide libraries," <i>Comb. Chem. High Throughput Screen</i> , <u>4</u> :535-543 (2001)	
CC	A165	Kester, "Sphingolipid Metabolites and the Cellular Phenotype," <i>Trends in Glycoscience and Glycotechnology</i> , <u>9</u> :447-460 (1997)	
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CC	A169	Kohama, et al., "Molecular cloning and functional characterization of murine sphingosine kinase," <i>J. Biol. Chem.</i> , <u>273</u> :23722-23728 (1998)	
CC	A170	Kolesnick, et al., "Characterization of a Ceramide Kinase Activity from Human Leukemia (HL-60) Cells: Separation From Diacylglycerol Kinase Activity," <i>J. Biol. Chem.</i> , <u>265</u> :18803-18808 (1990)	
CC	A171	Krown, et al., "Tumor necrosis factor alpha-induced apoptosis in cardiac myocytes. Involvement of the sphingolipid signaling cascade in cardiac cell death," <i>J. Clin. Invest.</i> , <u>98</u> :2854-2865 (1996)	
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CC	A174	Lanterman, et al., "Characterization of sphingosine kinase (SK) activity in <i>Saccharomyces cerevisiae</i> and isolation of SK-deficient mutants," <i>Biochem. J.</i> , <u>332</u> :525-531 (1998)	
CC	A175	Lee, et al., "Improved Inhibitors of Glucosylceramide Synthase," <i>J. Biol. Chem.</i> , <u>274</u> :14662-14669 (1999)	
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CC	A177	Lee, et al., "Lysophosphatidic acid and sphingosine 1-phosphate stimulate endothelial cell wound healing," <i>Am. J. Physiol. Cell Physiol.</i> , <u>278</u> :C612-C618 (2000)	
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CC SEP 30 2002	A179	Lee, et al., "Cell-cycle-dependent changes in ceramide levels preceding retinoblastoma protein dephosphorylation in G2/M," <i>Biochem. J.</i> , <u>334</u> :457-461 (1998)	
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CC	A182	Li, et al., "The Human Acid Ceramidase Genes (ASAH): Structure, Chromosomal Location, Mutation Analysis, and Expression," <i>Genomics</i> , <u>62</u> :223-231 (1999)	
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CC	A187	Lister, et al., "Interaction of sphingomyelinase with sphingomyelin analogs modified at the C-1 and C-3 positions of the sphingosine backbone," <i>Biochimica et Biophysica Acta</i> , <u>1256</u> :25-30 (1995)	
CC	A188	Little, et al., "Surface display of antibodies," <i>Biotechn. Adv.</i> , <u>12</u> :539-555 (1994)	
CC	A189	Liu, et al., "Molecular Cloning and Functional Characterization of a Novel Mammalian Sphingosine Kinase Type 2 Isoform," <i>J. Biol. Chem.</i> , <u>275</u> :19513-19520 (2000)	
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CC	A191	Liu, et al., "Sphingomyelinase Assay Using Radiolabeled Substrate," <i>Methods in Enzymology</i> , <u>311</u> :164-167 (2000)	
CC	A192	Liu, et al., "Advances in the signal transduction of ceramide and related sphingolipids," <i>Crit. Rev. Clin. Lab. Sci.</i> , <u>36</u> :511-573 (1999)	
CC	A193	Liu, et al., "Inhibition of the neutral magnesium-dependent sphingomyelinase by glutathione," <i>J. Biol. Chem.</i> , <u>272</u> :16281-16287 (1997)	

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CC	A194	Liu, et al., "Glutathione regulation of neutral sphingomyelinase in tumor necrosis factor-alpha-induced cell death," <i>J. Biol. Chem.</i> , <u>273</u> :11313-11320 (1998)					
CC	A195	Lochhead, et al, "Fluorinated anesthetic exposure "activates" the renal cortical sphingomyelinase cascade," <i>Kidney Int.</i> , <u>54</u> :373-381 (1998)					
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CC	A208	Mao, et al., "Cloning and Characterization of a Novel Human Alkaline Ceramidase: A Membrane Enzyme That Hydrolyzes Phytoceramide," <i>J. Biol. Chem.</i> , <u>276</u> :26577-26588 (2001)					

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CC	A209	Mao, et al., "Cloning and Characterization of a <i>Saccharomyces cerevisiae</i> Alkaline Ceramidase with Specificity for Dihydroceramide," <i>J. Biol. Chem.</i> , <u>275</u> :31369-31378 (2000)					
CC	A210	Mao, et al., "Cloning of an Alkaline Ceramidase from <i>Saccharomyces cerevisiae</i> : An Enzyme with Reverse (CoA-Independent) Ceramide Synthase Activity," <i>The Journal of Biological Chemistry</i> , <u>275</u> :6876-6884 (2000)					
CC	A211	Mao, et al., "Molecular cloning and characterization of SCaMPER, a Sphingolipid Ca ²⁺ release-mediating protein from endoplasmic reticulum," <i>Proc. Natl. Acad. Sci. USA</i> , <u>93</u> :1993-1996 (1996)					
CC	A212	Marks, et al., "Methods for Studying Glucosylceramide Synthase," <i>Methods in Enzymology</i> , <u>311</u> :50-59 (1999)					
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CC	A214	Martin, et al., "Neutral Magnesium-Dependant Sphingomyelinase from Liver Plasma Membrane: Purification and Inhibition by Ubiquinol," <i>J. Bioenerg. Biomembr.</i> , <u>33</u> (2):143-153 (2001)					
CC	A215	Meacci, et al., "Receptor-mediated activation of phospholipase D by sphingosine 1-phosphate in skeletal muscle C2C12 cells," <i>FEBS Letters</i> , <u>457</u> :184-188 (1999)					
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CC	A221	Mingeot-Leclercq, et al., "Aminoglycosides: activity and resistance," <i>Antimicrobial Agents and Chemotherapy</i> , <u>43</u> :727-737 (1999)					
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CC	A223	Mitsutake, et al., "Purification, Characterization, Molecular Cloning, and Subcellular Distribution of Neutral Ceramidase of Rat Kidney," <i>J. Biol. Chem.</i> , <u>276</u> :26249-26259 (2001)					

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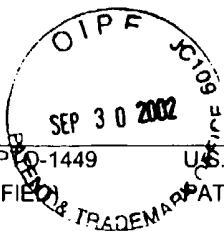
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CC	A229	Ohta, et al., "Induction of apoptosis by sphingosine in human leukemic HL-60 cells: a possible endogenous modulator of apoptotic DNA fragmentation occurring during phorbol ester-induced differentiation," <i>Cancer Res.</i> , <u>55</u> :691-697 (1995)		
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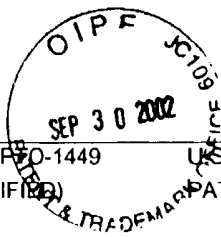
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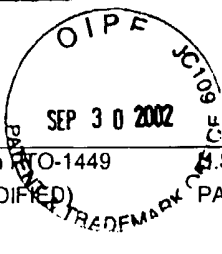
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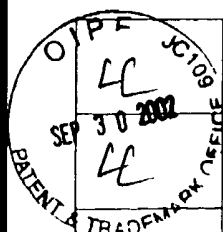
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